

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1.-55. Canceled.

56. (Currently Amended) A rubber or resin composition comprising:

a base material for rubber or resin composition, and

a pigment comprising the composite particles having an average particle diameter of

0.001 to 10.0 μm and a light resistance (ΔE^* value) of not more than 5.0, comprising:

white inorganic particles as core particles;

a gluing agent coating layer formed on surface of said white inorganic particle; and

an organic pigment coat formed onto said gluing agent coating layer in an amount of from 1 to 500 parts by weight based on 100 parts by weight of said white inorganic particles.

57. (Original) A rubber or resin composition according to claim 56, wherein the amount of said pigment is 0.05 to 200 parts by weight based on 100 parts by weight of said base material for rubber or resin composition.

58. Canceled.

59. Canceled.

60. Canceled.

61. (Previously Presented) A rubber or resin composition according to claim 56, wherein said gluing agent is an organosilicon compound, a coupling agent, an oligomer compound or a polymer compound.

62. (Previously Presented) A rubber or resin composition according to claim 61, wherein said organosilicon compound is at least one organosilicon compound selected from the group consisting of:

- (1) organosilane compounds obtainable from alkoxysilane compounds,
- (2) polysiloxanes or modified polysiloxanes, and
- (3) fluoroalkyl organosilane compounds obtainable from fluoroalkylsilane compounds.

63. (Previously Presented) A rubber or resin composition according to claim 61, wherein said coupling agent is at least one selected from the group consisting of a silane-based coupling agent, a titanate-based coupling agent, an aluminate-based coupling agent and a zirconate-based coupling agent.

64. (Previously Presented) A rubber or resin composition according to claim 56, wherein said white inorganic particles are a white pigment, a pearl pigment or an extender pigment.

65. (Previously Presented) A rubber or resin composition according to claim 56, wherein said white inorganic particles as core particles are particles each having on at least a part of the surface thereof, a coating layer comprising at least one compound selected from the group consisting of hydroxides of aluminum, oxides of aluminum, hydroxides of silicon and oxides of silicon.

66. (Previously Presented) A rubber or resin composition according to claim 56, wherein said organic pigment is an organic red-based pigment, an organic blue-based pigment, an organic yellow-based pigment or an organic green-based pigment.

67. (Previously Presented) A rubber or resin composition according to claim 56, wherein said composite particles have a BET specific surface area value of 1.0 to 500 m²/g.

68. (Currently Amended) A rubber or resin composition according to claim 56, wherein said composite particles have a tinting strength of not less than 110%, ~~and a light resistance (ΔE^* value) of not more than 5.0.~~

69. (Previously Presented) A rubber or resin composition according to claim 56, wherein the amount of said organic pigment coat formed onto said gluing agent coating layer is from 1 to 300 parts by weight based on 100 parts by weight of said white inorganic particles.

70. (Previously Presented) A rubber or resin composition according to claim 56, wherein the amount of the gluing agent coating layer comprising the organosilicon compound or the silane-based coupling agent is 0.02 to 5.0% by weight, calculated as Si, based on the weight of the gluing agent-coated white inorganic particles, and the amount of the gluing agent coating layer comprising the titanate-based coupling agent, the aluminate-based coupling agent, the zirconate-based coupling agent, the oligomer or the polymer compound is 0.01 to 15.0% by weight, calculated as C, based on the weight of the gluing agent-coated white inorganic particles.

71. (Currently Amended) A rubber or resin composition comprising:

a base material for rubber or resin composition, and

a pigment comprising the composite particles having an average particle diameter of

0.001 to 10.0 μm and a light resistance (ΔE^* value) of not more than 5.0, comprising:

white inorganic particles as core particles;

a gluing agent coating layer formed on surface of said white inorganic particle, comprising at least one selected from the group consisting of a silane-based coupling agent, a titanate-based coupling agent, an aluminate-based coupling agent, a zirconate-based coupling agent, an oligomer compound, a polymer compound and an organosilicon compound selected from the group consisting of:

(1) organosilane compounds obtainable from alkoxysilane compounds,
(2) polysiloxanes or modified polysiloxanes, and
(3) fluoroalkyl organosilane compounds obtainable from fluoroalkylsilane compounds;
and
an organic pigment coat formed on said coating layer in an amount of from 1 to 500 parts by weight based on 100 parts by weight of said white inorganic particles.

72. (Previously Presented) A rubber or resin composition according to claim 71, wherein the amount of said pigment is 0.05 to 200 parts by weight based on 100 parts by weight of said base material for rubber or resin composition.

73. (Previously Presented) A rubber or resin composition according to claim 71, wherein said white inorganic particles are a white pigment, a pearl pigment or an extender pigment.

74. (Previously Presented) A rubber or resin composition according to claim 71, wherein said white inorganic particles as core particles are particles each having on at least a part of the surface thereof, a coating layer comprising at least one compound selected from the group consisting of hydroxides of aluminum, oxides of aluminum, hydroxides of silicon and oxides of silicon.

75. (Previously Presented) A rubber or resin composition according to claim 71, wherein said organic pigment is an organic red-based pigment, an organic blue-based pigment, an organic yellow-based pigment or an organic green-based pigment.

76. (Previously Presented) A rubber or resin composition according to claim 71, wherein the amount of said organic pigment coat formed onto said gluing agent coating layer is from 1 to 300 parts by weight based on 100 parts by weight of said white inorganic particles.

77. (Previously Presented) A rubber or resin composition according to claim 71, wherein the amount of the gluing agent coating layer comprising the organosilicon compound or the silane-based coupling agent is 0.02 to 5.0% by weight, calculated as Si, based on the weight of the gluing agent-coated white inorganic particles, and the amount of the gluing agent coating layer comprising the titanate-based coupling agent, the aluminate-based coupling agent, the zirconate-based coupling agent, the oligomer compound or the polymer compound is 0.01 to 15.0% by weight, calculated as C, based on the weight of the gluing agent-coated white inorganic particles.

78. (Previously Presented) A rubber or resin composition according to claim 71, wherein said composite particles have a BET specific surface area value of 1.0 to 500 m²/g.

79. (Currently Amended) A rubber or resin composition according to claim 71, wherein said composite particles have a tinting strength of not less than 110%, ~~and a light resistance (ΔE^* value) of not more than 5.0.~~

80. (Currently Amended) A rubber or resin composition comprising:
a base material for rubber or resin composition, and
a pigment comprising the composite particles having an average particle diameter of 0.001 to 10.0 μm and a light resistance (ΔE^* value) of not more than 5.0, comprising:
white inorganic particles as core particles;
a coating layer formed on surface of said white inorganic particle, comprising at least one organosilicon compound selected from the group consisting of:
(1) organosilane compounds obtainable from alkoxysilane compounds, and
(2) polysiloxanes or modified polysiloxanes; and

an organic pigment coat formed on the coating layer comprising said organosilicon compound in an amount of from 1 to 100 parts by weight based on 100 parts by weight of said white inorganic particles.

81. (Previously Presented) A rubber or resin composition according to claim 80, wherein the amount of said pigment is 0.05 to 200 parts by weight based on 100 parts by weight of said base material for rubber or resin composition.

82. (Previously Presented) A rubber or resin composition according to claim 80, wherein said white inorganic particles as core particles are particles each having on at least a part of the surface thereof, a coating layer comprising at least one compound selected from the group consisting of hydroxides of aluminum, oxides of aluminum, hydroxides of silicon and oxides of silicon.

83. (Previously Presented) A rubber or resin composition according to claim 80, wherein said organic pigment is an organic red-based pigment, an organic blue-based pigment, an organic yellow-based pigment or an organic green-based pigment.

84. (Previously Presented) A rubber or resin composition according to claim 80, wherein the amount of the coating layer comprising said organosilicon compound is 0.02 to 5.0% by weight, calculated as Si, based on the weight of the coated white inorganic particles.

85. (Previously Presented) A rubber or resin composition according to claim 80, wherein said composite particles have a BET specific surface area value of 1.0 to 500 m²/g.

86. (Currently Amended) A rubber or resin composition according to claim 80, wherein said composite particles have a tinting strength of not less than 115%, and a light resistance (ΔE* value) of not more than 5.0.

87. (Currently Amended) A rubber or resin composition comprising:

a base material for rubber or resin composition, and

a pigment comprising the composite particles having an average particle diameter of

0.001 to 10.0 μm and a light resistance (ΔE^* value) of not more than 5.0, comprising:

white inorganic particles as core particles;

a gluing agent coating layer formed on surface of said white inorganic particle; and

at least two colored adhesion layers composed of an organic pigment, formed on said coating layer through a gluing agent,

the amount of the organic pigment being 1 to 500 parts by weight based on 100 parts by weight of said white inorganic particles.

88. (Previously Presented) A rubber or resin composition according to claim 87, wherein the amount of said pigment is 0.05 to 200 parts by weight based on 100 parts by weight of said base material for rubber or resin composition.

89. (Previously Presented) A rubber or resin composition according to claim 87, wherein said gluing agent is an organosilicon compound, a coupling agent, an oligomer compound or a polymer compound.

90. (Previously Presented) A rubber or resin composition according to claim 89, wherein said organosilicon compound is at least one organosilicon compound selected from the group consisting of:

- (1) organosilane compounds obtainable from alkoxysilane compounds,
- (2) polysiloxanes or modified polysiloxanes, and
- (3) fluoroalkyl organosilane compounds obtainable from fluoroalkylsilane compounds.

91. (Previously Presented) A rubber or resin composition according to claim 89, wherein said coupling agent is at least one selected from the group consisting of a silane-based coupling

agent, a titanate-based coupling agent, an aluminate-based coupling agent and a zirconate-based coupling agent.

92. (Previously Presented) A rubber or resin composition according to claim 87, wherein said white inorganic particles are a white pigment, a pearl pigment or an extender pigment.

93. (Previously Presented) A rubber or resin composition according to claim 87, wherein said white inorganic particles as core particles are particles each having on at least a part of the surface thereof, a coating layer comprising at least one compound selected from the group consisting of hydroxides of aluminum, oxides of aluminum, hydroxides of silicon and oxides of silicon.

94. (Previously Presented) A rubber or resin composition according to claim 87, wherein said organic pigment is an organic red-based pigment, an organic blue-based pigment, an organic yellow-based pigment or an organic green-based pigment.

95. (Previously Presented) A rubber or resin composition according to claim 87, wherein said composite particles have a BET specific surface area value of 1.0 to 500 m²/g.

96. (Currently Amended) A rubber or resin composition according to claim 87, wherein said composite particles have a tinting strength of not less than 110%, ~~and a light resistance (ΔE* value) of not more than 5.0.~~

97. (Previously Presented) A rubber or resin composition according to claim 87, wherein the amount of said organic pigment coat formed onto said gluing agent coating layer is from 1 to 300 parts by weight based on 100 parts by weight of said white inorganic particles.

98. (Previously Presented) A rubber or resin composition according to claim 87, wherein the amount of the gluing agent coating layer comprising the organosilicon compound or the silane-based coupling agent is 0.02 to 5.0% by weight, calculated as Si, based on the weight of

the gluing agent-coated white inorganic particles, and the amount of the gluing agent coating layer comprising the titanate-based coupling agent, the aluminate-based coupling agent, the zirconate-based coupling agent, the oligomer compound or the polymer compound is 0.01 to 15.0% by weight, calculated as C, based on the weight of the gluing agent-coated white inorganic particles.

99. (Currently Amended) A rubber or resin composition comprising:

a base material for rubber or resin composition, and

a pigment comprising the composite particles having an average particle diameter of

0.001 to 10.0 μm and a light resistance (ΔE^* value) of not more than 5.0, comprising:

white inorganic particles as core particles;

a gluing agent coating layer formed on surface of said white inorganic particle, comprising at least one selected from the group consisting of a silane-based coupling agent, a titanate-based coupling agent, an aluminate-based coupling agent, a zirconate-based coupling agent, an oligomer compound, a polymer compound and an organosilicon compound selected from the group consisting of:

(1) organosilane compounds obtainable from alkoxysilane compounds,

(2) polysiloxanes or modified polysiloxanes, and

(3) fluoroalkyl organosilane compounds obtainable from fluoroalkylsilane compounds;

and

at least two colored adhesion layers composed of an organic pigment, formed on said coating layer through a gluing agent comprising at least one selected from the group consisting of a silane-based coupling agent, a titanate-based coupling agent, an aluminate-based coupling agent, a zirconate-based coupling agent, an oligomer compound, a polymer compound and an

organosilicon compound selected from the group consisting of: (1) organosilane compounds obtainable from alkoxysilane compounds, (2) polysiloxanes or modified polysiloxanes, and (3) fluoroalkyl organosilane compounds obtainable from fluoroalkylsilane compounds,

the amount of the organic pigment being 1 to 500 parts by weight based on 100 parts by weight of said white inorganic particles.

100. (Previously Presented) A rubber or resin composition according to claim 99, wherein the amount of said pigment is 0.05 to 200 parts by weight based on 100 parts by weight of said base material for rubber or resin composition.

101. (Previously Presented) A rubber or resin composition according to claim 99, wherein said white inorganic particles are particles each having on at least a part of the surface thereof, a coating layer comprising at least one compound selected from the group consisting of hydroxides of aluminum, oxides of aluminum, hydroxides of silicon and oxides of silicon.

102. (Previously Presented) A rubber or resin composition according to claim 99, wherein said organic pigment is an organic red-based pigment, an organic blue-based pigment, an organic yellow-based pigment or an organic green-based pigment.

103. (Previously Presented) A rubber or resin composition according to claim 99, wherein the amount of the gluing agent coating layer comprising the organosilicon compound or the silane-based coupling agent is 0.02 to 5.0% by weight, calculated as Si, based on the weight of the gluing agent-coated white inorganic particles, and the amount of the gluing agent coating layer comprising the titanate-based coupling agent, the aluminate-based coupling agent, the zirconate-based coupling agent, the oligomer compound or the polymer compound is 0.01 to 15.0% by weight, calculated as C, based on the weight of the gluing agent-coated white inorganic particles.

104. (Previously Presented) A rubber or resin composition according to claim 99, wherein the amount of said organic pigment coat formed onto said gluing agent coating layer is from 1 to 300 parts by weight based on 100 parts by weight of said white inorganic particles.

105. (Previously Presented) A rubber or resin composition according to claim 99, wherein said composite particles have a BET specific surface area value of 1.0 to 500 m²/g.

106. (Currently Amended) A rubber or resin composition according to claim 99, wherein said composite particles have a tinting strength of not less than 115%, ~~and a light resistance (ΔE^* value) of not more than 5.0.~~

107. (Currently Amended) A rubber or resin composition comprising:
a base material for rubber or resin composition, and
a pigment comprising the composite particles having an average particle diameter of 0.001 to 0.5 μm and a light resistance (ΔE^* value) of not more than 5.0, comprising:

extender pigment particles as core particles;
a gluing agent coating layer formed on surface of said extender pigment particle, comprising an organosilicon compound, a coupling agent, an oligomer compound or a polymer compound; and

an organic pigment coat formed on the gluing agent coating layer in an amount of from 1 to 500 parts by weight based on 100 parts by weight of said extender pigment particles.

108. (Previously Presented) A rubber or resin composition according to claim 107, wherein the amount of said pigment is 0.05 to 200 parts by weight based on 100 parts by weight of said base material for rubber or resin composition.

109. (Previously Presented) A rubber or resin composition according to claim 107, wherein the average particle diameter thereof is 0.001 to 0.3 μm .

110. (Previously Presented) A rubber or resin composition according to claim 107, wherein said extender pigment particles as core particles are particles each having on at least a part of the surface thereof, a coating layer comprising at least one compound selected from the group consisting of hydroxides of aluminum, oxides of aluminum, hydroxides of silicon and oxides of silicon.

111. (Previously Presented) A rubber or resin composition according to claim 107, wherein said organic pigment is an organic red-based pigment, an organic blue-based pigment, an organic yellow-based pigment or an organic green-based pigment.

112. (Previously Presented) A rubber or resin composition according to claim 107, wherein the amount of the gluing agent coating layer comprising the organosilicon compound or the silane-based coupling agent is 0.02 to 5.0% by weight, calculated as Si, based on the weight of the gluing agent-coated extender pigment particles, and the amount of the gluing agent coating layer comprising the titanate-based coupling agent, the aluminate-based coupling agent, the zirconate-based coupling agent, the oligomer compound or the polymer compound is 0.01 to 15.0% by weight, calculated as C, based on the weight of the gluing agent-coated extender pigment particles.

113. (Previously Presented) A rubber or resin composition according to claim 107, wherein the amount of said organic pigment coat formed onto said gluing agent coating layer is from 1 to 300 parts by weight based on 100 parts by weight of said extender pigment.

114. (Previously Presented) A rubber or resin composition according to claim 107, wherein said composite particles have a BET specific surface area value of 1.0 to 500 m²/g.

115. (Currently Amended) A rubber or resin composition according to claim 107, wherein said composite particles have a tinting strength of not less than 115%, ~~and a light resistance (ΔE^* value) of not more than 5.0.~~

116. (Currently Amended) A pigment dispersion for water-based paint comprising:
100 parts by weight of a pigment dispersion base material for water-based paint; and
5 to 1,000 parts by weight of the pigment selected from any one of the following composite particles (I) to (VI):

(I) composite particles having an average particle diameter of 0.001 to 10.0 μm and a light resistance (ΔE^* value) of not more than 5.0, comprising:

white inorganic particles as core particles;
a gluing agent coating layer formed on surface of said white inorganic particle; and
an organic pigment coat formed onto said gluing agent coating layer in an amount of from 1 to 500 parts by weight based on 100 parts by weight of said white inorganic particles;

(II) composite particles having an average particle diameter of 0.001 to 10.0 μm and a light resistance (ΔE^* value) of not more than 5.0, comprising:

white inorganic particles as core particles;
a gluing agent coating layer formed on surface of said white inorganic particle, comprising at least one selected from the group consisting of a silane-based coupling agent, a titanate-based coupling agent, an aluminate-based coupling agent, a zirconate-based coupling agent, an oligomer compound, a polymer compound and an organosilicon compound selected from the group consisting of:

- (1) organosilane compounds obtainable from alkoxysilane compounds,
- (2) polysiloxanes or modified polysiloxanes, and

(3) fluoroalkyl organosilane compounds obtainable from fluoroalkylsilane compounds;

and

an organic pigment coat formed on said coating layer in an amount of from 1 to 500 parts by weight based on 100 parts by weight of said white inorganic particles;

(III) composite particles having an average particle diameter of 0.001 to 10.0 μm and a light resistance (ΔE^* value) of not more than 5.0, comprising:

white inorganic particles as core particles;

a coating layer formed on surface of said white inorganic particle, comprising at least one organosilicon compound selected from the group consisting of:

(1) organosilane compounds obtainable from alkoxysilane compounds, and

(2) polysiloxanes or modified polysiloxanes; and

an organic pigment coat formed on the coating layer comprising said organosilicon compound in an amount of from 1 to 100 parts by weight based on 100 parts by weight of said white inorganic particles;

(IV) composite particles having an average particle diameter of 0.001 to 10.0 μm and a light resistance (ΔE^* value) of not more than 5.0, comprising:

white inorganic particles as core particles;

a gluing agent coating layer formed on surface of said white inorganic particle; and

at least two colored adhesion layers composed of an organic pigment, formed on said coating layer through a gluing agent,

the amount of the organic pigment being 1 to 500 parts by weight based on 100 parts by weight of said white inorganic particles;

(V) composite particles having an average particle diameter of 0.001 to 10.0 μm and a light resistance (ΔE^* value) of not more than 5.0, comprising:

white inorganic particles as core particles;

a gluing agent coating layer formed on surface of said white inorganic particle, comprising at least one selected from the group consisting of a silane-based coupling agent, a titanate-based coupling agent, an aluminate-based coupling agent, a zirconate-based coupling agent, an oligomer compound, a polymer compound and an organosilicon compound selected from the group consisting of:

(1) organosilane compounds obtainable from alkoxysilane compounds,

(2) polysiloxanes or modified polysiloxanes, and

(3) fluoroalkyl organosilane compounds obtainable from fluoroalkylsilane compounds;

and

at least two colored adhesion layers composed of an organic pigment, formed on said coating layer through a gluing agent comprising at least one selected from the group consisting of a silane-based coupling agent, a titanate-based coupling agent, an aluminate-based coupling agent, a zirconate-based coupling agent, an oligomer compound, a polymer compound and an organosilicon compound selected from the group consisting of: (1) organosilane compounds obtainable from alkoxysilane compounds, (2) polysiloxanes or modified polysiloxanes, and (3) fluoroalkyl organosilane compounds obtainable from fluoroalkylsilane compounds,

the amount of the organic pigment being 1 to 500 parts by weight based on 100 parts by weight of said white inorganic particles; and

(VI) composite particles having an average particle diameter of 0.001 to 0.5 μm and a light resistance (ΔE^* value) of not more than 5.0, comprising:

extender pigment particles as core particles;

a gluing agent coating layer formed on surface of said extender pigment particle,
comprising an organosilicon compound, a coupling agent, an oligomer compound or a polymer
compound; and

an organic pigment coat formed on the gluing agent coating layer in an amount of from 1
to 500 parts by weight based on 100 parts by weight of said extender pigment particles.